

# *STANDARD OPERATING INSTRUCTIONS*

50mm-250mm PVC CASING ELEVATOR



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NATIONAL DRILLING EQUIPMENT

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27 Walters Way  
Forrestfield, WA 6058

Tel 08 9454 6339  
Fax 08 9454 9541  
Email [info@natdrill.com.au](mailto:info@natdrill.com.au)

[www.natdrill.com.au](http://www.natdrill.com.au)

# OPERATING INSTRUCTIONS

## 50mm-250mm PVC CASING ELEVATOR

### SIZES AVAILABLE

<u>PART #</u>	<u>I.D. of Elevator</u>	<u>W.L.L.</u>
CASCLAMP50PVC	62mm	1250kg
CASCLAMP100PVC	116mm	1500kg
CASCLAMP150PVC	162mm	5000kg
CASCLAMP155PVC	170mm	5000kg
CASCLAMP200PVC	227mm	5000kg
CASCLAMP250PVC	282mm	8000kg

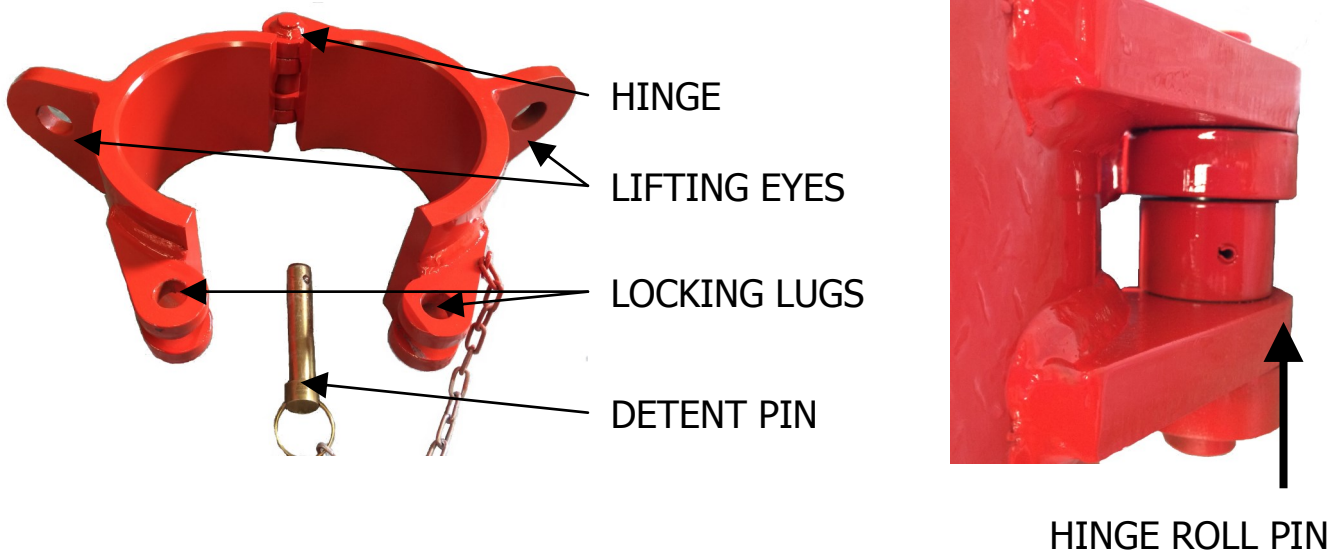
**NOTE:** Other sizes are available on request. We can also sleeve existing sizes to reduce to "NOT SO" common sizes, ie: 100mm PVC elevator fitted with sleeves, to reduce diameter down to suit 80mm PVC.

### Before Use

- Visually inspect the elevator to ensure all components are in good working order.
- Check that the PVC Pipe to be lifted is the correct diameter for the NDE elevator to be used.
- NDE elevators are made to fit under the bell of PVC pipe.
- If the elevators are damaged or missing any parts, DO NOT USE THE ELEVATOR, report to your supervisor so they can be returned to the manufacturer for inspection/replacement.

# OPERATING INSTRUCTIONS

- NDE elevators are a one piece lifting device, hinged on one side with locking lugs and pin arrangement at 180° to the hinge.



- With locking pin removed, place the Elevator around the PVC Pipe.
- NDE elevators are manufactured to fit just under the BELL of the PVC pipe. ALL PVC PIPE MUST BE INSTALLED "BELL UP".
- As an extra safety measure, all NDE elevators now come fitted with a roll pin. This is secured through the hinge pin. The roll pin will eliminate the hinge pin from falling out, if the weld breaks through. DO NOT use NDE elevators, unless this Roll Pin is fitted through the Hinge Pin.
- Before installation, ensure you have the correct size NDE elevator for the PVC Pipe being lifted. The NDE elevator must not pass over the PVC bell joint when in the locked position.
- A NATA Certificate is provided with all *NDE Casing Elevators*.

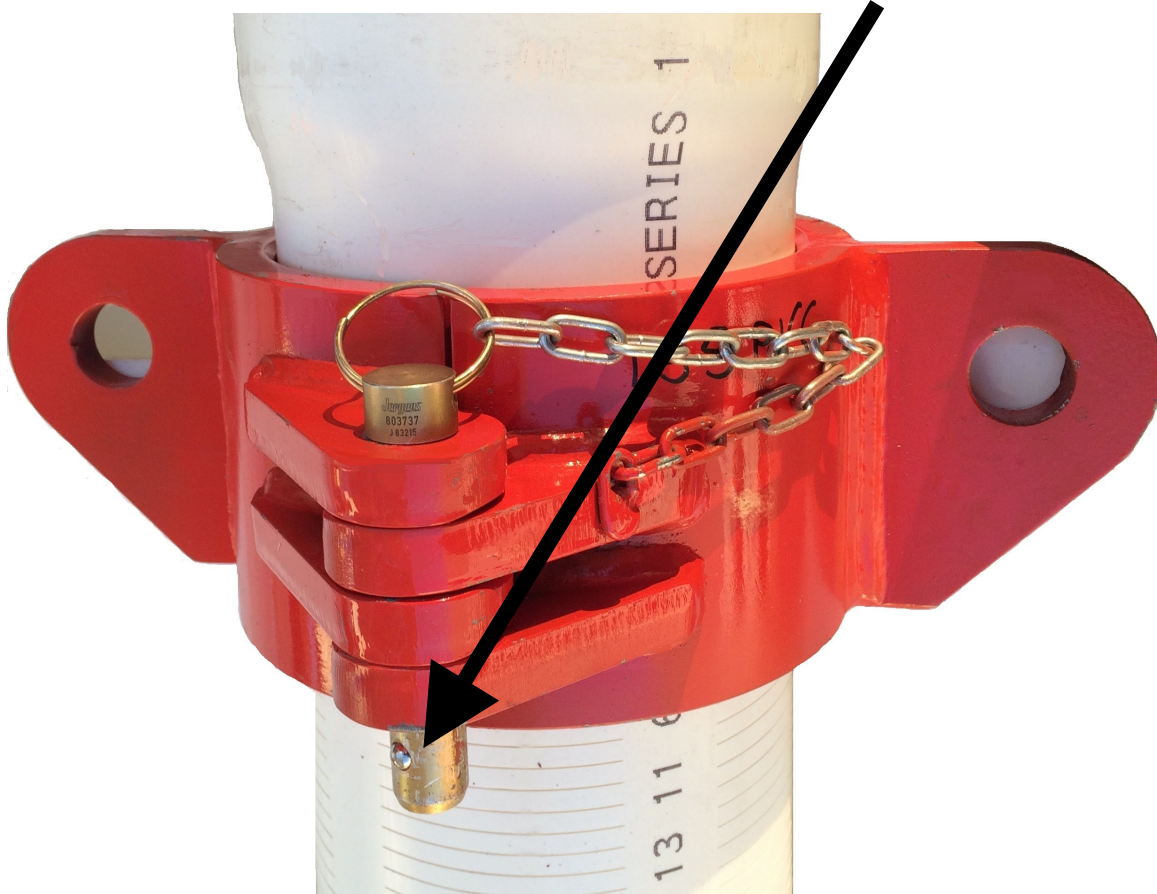
# OPERATING INSTRUCTIONS



- NDE elevators must be used this way up (see above picture) with the locking pin facing down.
- Install the Locking Pin from the top down.

## OPERATING INSTRUCTIONS

- The “detent type safety pin” is a secondary safety measure. The pin is fitted through the lugs and has spring loaded balls through the base to prevent it from falling out if inverted. (See Below)



- The “detent type safety pin” MUST BE INSTALLED PRIOR TO USE.
- *DO NOT USE THE ELEVATOR IF THE SNAP RING PIN IS MISSING OR UNSERVICEABLE.*